Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1-20 (cancelled)

21. (currently amended): A transgenic plant cell transformed with ~~a nucleic acid, wherein the nucleic acid comprises~~ a polynucleotide selected from the group consisting of:

a) a polynucleotide having nucleotides 1 to 667 of ~~as defined in~~ SEQ ID NO:6; and

b) a polynucleotide encoding a polypeptide ~~of SEQ ID NO:11;~~ having amino acids 1 to 192 of SEQ ID NO:11.

~~c) a polynucleotide having at least 95% sequence identity to SEQ ID NO:6; and~~

~~d) a polynucleotide encoding a polypeptide having at least 95% sequence identity to SEQ ID NO:11.~~

22. (currently amended): The plant cell of claim 21, wherein the ~~nucleic acid comprises a~~ polynucleotide ~~having at least 95% sequence identity to~~ has the sequence as defined in SEQ ID NO:6.

23. (currently amended): The plant cell of claim 21, wherein the ~~nucleic acid comprises a~~ polynucleotide encodes ~~encoding a~~ the polypeptide having ~~at least 95% sequence identity to~~ the sequence as defined in SEQ ID NO:11.

24. (previously presented): A transgenic plant comprising the plant cell of claim 21.

25. (previously presented): The plant of claim 24, wherein the plant is a monocot.

26. (previously presented): The plant of claim 24, wherein the plant is a dicot.

27. (previously presented): The plant of claim 24, wherein the plant is selected from the group consisting of maize, wheat, rye, oat, triticale, rice, barley, soybean, peanut, cotton, rapeseed,

canola, manihot, pepper, sunflower, tagetes, solanaceous plants, potato, tobacco, eggplant, tomato, Vicia species, pea, alfalfa, coffee, cacao, tea, Salix species, oil palm, coconut, perennial grass and a forage crop plant.

28. (currently amended): ~~A seed comprising the transgenic plant of claim 24, wherein the seed comprises the nucleic acid.~~ A plant seed comprising a transgene selected from the group consisting of:

a) a polynucleotide having nucleotides 1 to 667 of SEQ ID NO:6; and

b) a polynucleotide encoding a polypeptide having amino acids 1 to 192 of SEQ ID NO:11,

and wherein the seed is true breeding for increased tolerance to drought or low temperature.

29-36 (canceled)

37. (currently amended): An isolated ~~nucleic acid, wherein the nucleic acid comprises a~~ polynucleotide selected from the group consisting of:

a) a polynucleotide having nucleotides 1 to 667 of ~~as defined in~~ SEQ ID NO:6; and

b) a polynucleotide encoding a polypeptide ~~of SEQ ID NO:11;~~ having amino acids 1 to 192 of SEQ ID NO:11.

~~c) a polynucleotide having at least 95% sequence identity to SEQ ID NO:6; and~~

~~d) a polynucleotide encoding a polypeptide having at least 95% sequence identity to SEQ ID NO:11.~~

38. (currently amended): The ~~nucleic acid~~ polynucleotide of claim 37, ~~wherein the nucleic acid comprises a polynucleotide~~ having ~~at least 95% sequence identity to~~ the sequence as defined in SEQ ID NO:6.

39. (currently amended): The ~~nucleic acid~~ polynucleotide of claim 37, ~~wherein the nucleic acid comprises a polynucleotide~~ encoding ~~a~~ the polypeptide having ~~at least 95% sequence identity to~~ the sequence as defined in SEQ ID NO:11.

40-42 (canceled)

43. (currently amended): A method of producing a transgenic plant comprising a ~~nucleic acid~~ polynucleotide encoding a polypeptide, wherein expression of the polypeptide in the plant results in the ~~plant's~~ plant having increased tolerance to an environmental stress as compared to a wild type variety of the plant, the method comprising the steps of,

a) transforming a plant cell with an expression vector comprising the ~~nucleic acid~~ polynucleotide; and

b) generating from the plant cell a transgenic plant that expresses the polypeptide,

~~and~~ wherein the ~~nucleic acid comprises a~~ polynucleotide is selected from the group consisting of:

a) a polynucleotide having nucleotides 1 to 667 of ~~as defined in~~ SEQ ID NO:6; and

b) a polynucleotide encoding a polypeptide ~~of SEQ ID NO:11,~~ having amino acids 1 to 192 of SEQ ID NO:11,

~~c) a polynucleotide having at least 90% sequence identity to SEQ ID NO:6; and~~

~~d) a polynucleotide encoding a polypeptide having at least 90% sequence identity to SEQ ID NO:11,~~

and wherein the environmental stress is selected from the group consisting of drought and low temperature.

44. (currently amended): The method of claim 43, wherein the ~~nucleic acid comprises a~~ polynucleotide ~~of~~ has the sequence as defined in SEQ ID NO:6.

45. (currently amended): The method of claim 43, wherein the ~~nucleic acid comprises a~~ polynucleotide ~~encoding a~~ encodes the polypeptide ~~of~~ having the sequence as defined in SEQ ID NO:11.

46-47 (canceled)